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TI Foam moldings
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CC 38-3 (Plastics Fabrication and Uses)

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CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
DE	3115456	IC	C08J009-22; C08L025-06; C08G018-14; C08K003-34
		IPCI	C08J0009-22; C08J0009-00 [C*]; C08L0025-06; C08L0025-00 [C*]; C08G0018-14; C08K0003-34; C08K0003-00 [C*]
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AB Molded foam articles are prepared by coating foamed plastic particles with a protective, fire-resistant coating and mixing them with an exothermic polyurethane foam composition so that the heat from the reaction hardens the protective layer. Thus, an Al foil was covered with a foamable polyurethane reaction mixture. Immediately, silicate-coated polystyrene [9003-53-6] foam particles were poured on the reaction mixture in the desired thickness, and a 2nd layer of the foamable composition was applied on top, followed by another Al foil. The assembly was foamed and molded.

ST polystyrene particle polyurethane foam composite

IT Urethane polymers, uses and miscellaneous

RL: TEM (Technical or engineered material use); USES (Uses)

(cellular, composites with silicate-coated polystyrene foam particles)

IT Silicates, uses and miscellaneous

RL: USES (Uses)

(coatings, on polystyrene foam particles, composites with polyurethane foams)

IT Plastics, molded

RL: USES (Uses)

(polyurethane foam-silicate-coated polystyrene foam particle composites)

IT Coating materials

(silicates, on polystyrene foam particles, composites with polyurethane foams)

IT 9003-53-6

RL: TEM (Technical or engineered material use); USES (Uses)

(cellular, particles, silicate-coated, composites with polyurethane foams)

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